

PTO/SB/08A (01-08)

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/633,015		
		Filing Date	July 31, 2003		
		First Named Inventor	PAVLOVSKAIA, ELENA		
		Art Unit	3732		
		Examiner Name	Jonathan S. Werner		
Sheet	1	of	6	Attorney Docket Number	018563-002920US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-3,738,005	06-12-1973	Cohen	
	AB	US-3,983,628	10-05-1976	Acevedo	
	AC	US-4,575,330	03-11-1986	Hull	
	AD	US-4,935,635	06-19-1990	O'Harra	
	AE	US-5,130,064	07-14-1992	Smalley	
	AF	US-5,176,517	01-05-1993	Truax	
	AG	US-5,328,362	07-12-1994	Watson et al.	
	AH	US-5,440,326	08-08-1995	Quinn	
	AI	US-5,562,448	10-08-1996	Mushabac	
	AJ	US-5,614,075	03-25-1997	Andre	
	AK	US-5,621,648	04-15-1997	Crump	
	AL	US-5,742,700	04-21-1998	Yoon et al.	
	AM	US-5,799,100	08-25-1998	Clarke et al.	
	AN	US-5,823,778	10-20-1998	Schmitt et al.	
	AO	US-5,848,115	12-08-1998	Little et al.	
	AP	US-5,857,853	01-12-1999	van Nifferick et al.	
	AQ	US-5,880,962	03-09-1999	Andersson et al.	
	AR	US-5,934,288	08-10-1999	Avila et al.	
	AS	US-6,015,289	01-18-2000	Andreiko et al.	
	AT	US-6,062,861	05-16-2000	Andersson	
	AU	US-6,068,482	05-30-2000	Snow	
	AV	US-6,099,314	08-08-2000	Kopelman et al.	
	AW	US-6,152,731	11-28-2000	Jordan et al.	
	AX	US-6,217,325	04-17-2001	Chishti et al.	
	AY	US-6,244,861	06-12-2001	Andreiko et al.	
	AZ	US-6,309,215	10-30-2001	Phan et al.	
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	BB	US-6,322,359	11-27-2001	Jordan et al.	
	BC	US-6,350,120	02-26-2002	Sachdeva et al.	
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	BE	US-6,398,548	06-04-2002	Muhammad et al.	
	BF	US-6,402,707	06-11-2002	Ernst	
	BG	US-6,482,298	11-19-2002	Bhatnagar	
	BH	US-6,524,101	02-25-2003	Phan et al.	
	BI	US-6,554,611	04-29-2003	Chishti et al.	
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		Number Kind Code ² (if known)			
	BJ	US-6,572,372	06-03-2003	Phan et al.	
	BK	US-6,629,840	10-07-2003	Chishti et al.	
	BL	US-6,705,863	03-16-2004	Phan et al.	
	BM	US-6,722,880	04-20-2004	Chishti et al.	
	BN	US-2002/0006597	01-17-2002	Andreiko et al.	
	BO	US-2003/0224311	12-04-2003	Cronauer	
	BP	US-2003/0009252 A1	01-09-2003	Pavlovskaia et al.	
	BQ	US-2003/0139834 A1	07-24-2003	Nikolskiy et al.	
	BR	US-2004/0128010 A1	07-01-2004	Pavlovskaia et al.	
	BS	US-2005/0055118 A1	03-10-2005	Nikolskiy et al.	
	BT	US-RE 35169	03-05-1996	Lemchen et al.	
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	BU	AU	517102		07-09-1981	Hito Suyehiro		<input type="checkbox"/>
	BV	AU	3031677		05-10-1979	Hito Suyehiro		<input type="checkbox"/>
	BW	AU	5598894		06-08-1994	Ormco Corp.		<input type="checkbox"/>
	BX	CA	1121955		04-20-1982	Suyehiro Hito		<input type="checkbox"/>
	BY	DE	2749802		05-11-1978	Suyehiro Hito		<input type="checkbox"/>
	BZ	DE	69327661		07-20-2000	Ormco Corp.		<input type="checkbox"/>
	CA	EP	0667753		08-23-1995	Ormco Corp.		<input type="checkbox"/>
	CB	ES	463897		01-01-1980	Hito Suyehiro		<input type="checkbox"/>
	CC	GB	1550777		08-22-1979	Hito Suyehiro		<input type="checkbox"/>
	CD	JP	04-028359		01-30-1992	Mitsubishi Petrochemical Co.		<input type="checkbox"/>
	CE	JP	53-058191		05-25-1978	Yoshii		<input type="checkbox"/>
	CF	JP	08-508174		09-03-1996	Ormco Corp		<input type="checkbox"/>

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NON PATENT LITERATURE DOCUMENTS			
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	CG	ALCANIZ, <i>et al.</i> , "An Advanced System for the Simulation and Planning of Orthodontic Treatments," Karl Heinz Hohne and Ron Kikinis (eds.), <i>Visualization in Biomedical Computing, 4th Int'l. Conf., VBC '96, Hamburg, Germany</i> , September 22-25, 1996, Springer-Verlag, pp. 511-520.	<input type="checkbox"/>
	CH	"Important Tip About Wearing the Red White & Blue Active Clear Retainer System," Allesee Orthodontic Appliances-Pro Lab, 1 page.	<input type="checkbox"/>
	CI	"Inside the ADA," <i>JADA</i> , 118:286-294 (March 1989).	<input type="checkbox"/>
	CJ	"The Choice Is Clear: Red, White & Blue . . . The Simple, Affordable, No-Braces Treatment," Allesee Orthodontic Appliances-Pro Lab product information for doctors, < http://ormco.com/aoa/applianceservices/RWB/doctor.html >, 5 pages (May 19, 2003).	<input type="checkbox"/>
	CK	"The Choice is Clear: Red, White & Blue . . . The Simple, Affordable, No-Braces Treatment," Allesee Orthodontic Appliances-Pro Lab product information for patients, < http://ormco.com/aoa/applianceservices/RWB/patients.html >, 2 pages (May 19, 2003).	<input type="checkbox"/>
	CL	"The Choice Is Clear: Red, White & Blue . . . The Simple, Affordable, No-Braces Treatment," Allesee Orthodontic Appliances-Pro Lab product information, 6 pages (2003).	<input type="checkbox"/>
	CM	"The Red, White & Blue Way to Improve Your Smile!" Allesee Orthodontic Appliances-Pro Lab product information for patients, 2 pages.	<input type="checkbox"/>
	CN	"You May Be A Candidate For This Invisible No-Braces Treatment," Allesee Orthodontic Appliances-Pro Lab product information for patients, 2 pages.	<input type="checkbox"/>
	CO	BARTELS, <i>et al.</i> , <i>An Introduction to Splines for Use in Computer Graphics and Geometric Modeling</i> , Morgan Kaufmann Publishers, pp. 422-425 (1987).	<input type="checkbox"/>

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	CP	BLU, <i>et al.</i> , "Linear interpolation revitalized", <i>IEEE Trans. Image Proc.</i> , 13(5):710-719 (May 2004).	<input type="checkbox"/>
	CQ	BOURKE, "Coordinate System Transformation," (June 1996), p. 1, retrieved from the Internet 11/05/2004, URL < http://astronomy.swin.edu.au/~pbourke/projection/coords >.	<input type="checkbox"/>
	CR	CARNAGHAN, "An Alternative to Holograms for the Portrayal of Human Teeth," 4th Int'l. Conf. on Holographic Systems, Components and Applications, Sept. 15, 1993, pp. 228-231.	<input type="checkbox"/>
	CS	Definition for "Gingiva," <i>Dictionary.com</i> , pp. 1-3, retrieved from the Internet on 11/05/2004, URL < http://reference.com/search/search?q=gingiva >.	<input type="checkbox"/>
	CT	DuraClear TM product information, Allesee Orthodontic Appliances-Pro Lab, 1 page.	<input type="checkbox"/>
	CU	English translation of Japanese Laid-Open Publication No. 63-11148 to inventor T. Ozukuri (Laid-Open on January 18, 1998) pp. 1-7.	<input type="checkbox"/>
	CV	FUTTERLING <i>et al.</i> , "Automated Finite Element Modeling of a Human Mandible with Dental Implants," WSCG '98 -Conference Program, retrieved from the Internet: < http://wscg.zcu.cz/wscg98/papers98/Strasser_98.pdf >, 8 pages.	<input type="checkbox"/>
	CW	GAO <i>et al.</i> , "3-D element Generation for Multi-Connected Complex Dental and Mandibular Structure," Proc. Int'l. Workshop on Medical Imaging and Augmented Reality, pp. 267-271 (June 12, 2001).	<input type="checkbox"/>
	CX	HIGHBEAM RESEARCH, "Simulating Stress Put on Jaw," Tooling & Production [online], November 1996, pp. 1-2, retrieved from the Internet on 11/05/2004, URL < http://static.highbeam.com/t/toolingampproduction/november011996/simulatingstressputonja... >.	<input type="checkbox"/>

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	CY	HIKAGE, "Integrated Orthodontic Management System for Virtual Three-Dimensional Computer Graphic Simulation and Optical Video Image Database for Diagnosis and Treatment Planning", <i>Journal of Japan Orthodontic Society</i> , February 1987, English translation, pp. 1-38, Japanese version, 46(2), pp. 248-269 (60 pages total).	<input type="checkbox"/>	
	CZ	HOJJATIE <i>et al.</i> , "Three-Dimensional Finite Element Analysis of Glass-Ceramic Dental Crowns," <i>J. Biomech.</i> , 23(11):1157-1166 (1990).	<input type="checkbox"/>	
	DA	KOCHANKE, "Interpolating Splines with Local Tension, Continuity and Bias Control," <i>Computer Graphics</i> , 18(3):33-41 (July 1984).	<input type="checkbox"/>	
	DB	MOLES, "Correcting Mild Malalignments - As Easy As One, Two, Three," <i>AOA/Pro Corner</i> , 2 pages.	<input type="checkbox"/>	
	DC	PAUL <i>et al.</i> , "Digital Documentation of Individual Human Jaw and Tooth Forms for Applications in Orthodontics, Oral Surgery and Forensic Medicine" Proc. of the 24th Annual Conf. of the IEEE Industrial Electronics Society (IECON '98), Sept. 4, 1998, pp. 2415-2418.	<input type="checkbox"/>	
	DD	REKOW <i>et al.</i> , "Comparison of Three Data Acquisition Techniques for 3-D Tooth Surface Mapping," <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 13(1):344-345 (1991).	<input type="checkbox"/>	
	DE	STURMAN, "Interactive Keyframe Animation of 3-D Articulated Models," <i>Proceedings Graphics Interface '84</i> , May-June 1984, pp. 35-40.	<input type="checkbox"/>	
	DF	TRUAX L., "Truax Clasp-Less(TM) Appliance System," <i>Funct. Orthod.</i> , 9(5):22-4, 26-8 (September-October 1992).	<input type="checkbox"/>	
	DG	TRU-TAIN ORTHODONTIC & DENTAL SUPPLIES, Product Brochure, Rochester, Minnesota 55902, 16 pages total.	<input type="checkbox"/>	

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	DH	VERSTREKEN <i>et al.</i> , "An Image-Guided Planning System for Endosseous Oral Implants," <i>IEEE Trans. Med. Imaging</i> , 17(5):842-852 (October 1998).	<input type="checkbox"/>
	DI	WSCG'98 - Conference Program, "The Sixth International Conference in Central Europe on Computer Graphics and Visualization '98," February 9-13, 1998, pp. 1-7, retrieved from the Internet on 11/05/2004, URL < http://wscg.zcu.cz/wscg98/wscg98.h >.	<input type="checkbox"/>
	DJ	XIA <i>et al.</i> , "Three-Dimensional Virtual-Reality Surgical Planning and Soft-Tissue Prediction for Orthognathic Surgery," <i>IEEE Trans. Inf. Technol. Biomed.</i> , 5(2):97-107 (June 2001).	<input type="checkbox"/>
	DK	YAMANY <i>et al.</i> , "A System for Human Jaw Modeling Using Intra-Oral Images," Proc. of the 20th Annual Conf. of the IEEE Engineering in Medicine and Biology Society, November 1, 1998, Vol. 2, pp. 563-566.	<input type="checkbox"/>
	DL	YOSHII, "Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.); I. The D.P. Concept and Implementation of Transparent Silicone Resin (Orthocon)," <i>Nippon Dental Review</i> , 452:61-74 (June 1980).	<input type="checkbox"/>
	DM	YOSHII, "Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.); II. The D.P. Manufacturing Procedure and Clinical Applications," <i>Nippon Dental Review</i> , 454:107-130 (August 1980).	<input type="checkbox"/>
	DN	YOSHII, "Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.); III.- The General Concept of the D.P. Method and Its Therapeutic Effect, Part 2. Skeletal Reversed Occlusion Case Reports," <i>Nippon Dental Review</i> , 458:112-129 (December 1980).	<input type="checkbox"/>
	DO	YOSHII, "Research on a New Orthodontic Appliance: The Dynamic Positioner (D.P.); III. The General Concept of the D.P. Method and Its Therapeutic Effect, Part 1, Dental and Functional Reversed Occlusion Case Reports," <i>Nippon Dental Review</i> , 457:146-164 (November 1980).	<input type="checkbox"/>

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